

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031319\
 Data File : VV009652.D
 Acq On : 13 Mar 2019 22:42
 Operator : SY/MD
 Sample : K1794-15
 Misc : 4.54G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5P2

Manual Integrations
 APPROVED

MMDadoda
 3/15/2019 7:53:51 AM

Quant Time: Mar 14 08:57:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 07:37:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	40881	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	42163	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	13109	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	3302	6.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	25.28%#
7) Chloroethane-d5	1.57	69	7245	11.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	44.92%
10) 1,1-Dichloroethene-d2	2.13	63	10236	7.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	28.96%#
20) 2-Butanone-d5	3.95	46	880m	6.43	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	12.86%#
24) Chloroform-d	4.40	84	29606	28.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.64%
26) 1,2-Dichloroethane-d4	5.08	65	26353	44.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	178.76%#
29) Benzene-d6	5.10	84	49552	22.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.64%
33) 1,2-Dichloropropane-d6	6.12	67	23151	35.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	143.28%#
37) Toluene-d8	7.36	98	43859	20.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.00%
38) trans-1,3-Dichloropropene-	7.67	79	1849	6.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	24.92%#
39) 2-Hexanone-d5	8.14	63	688	5.78	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	11.56%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	23617	38.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	154.40%#
61) 1,2-Dichlorobenzene-d4	11.68	152	13480	26.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.20%

Target Compounds					Ovalue
13) Acetone	2.19	43	1564	9.475 ug/L	95
16) Methylene chloride	2.54	84	4239	7.123 ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

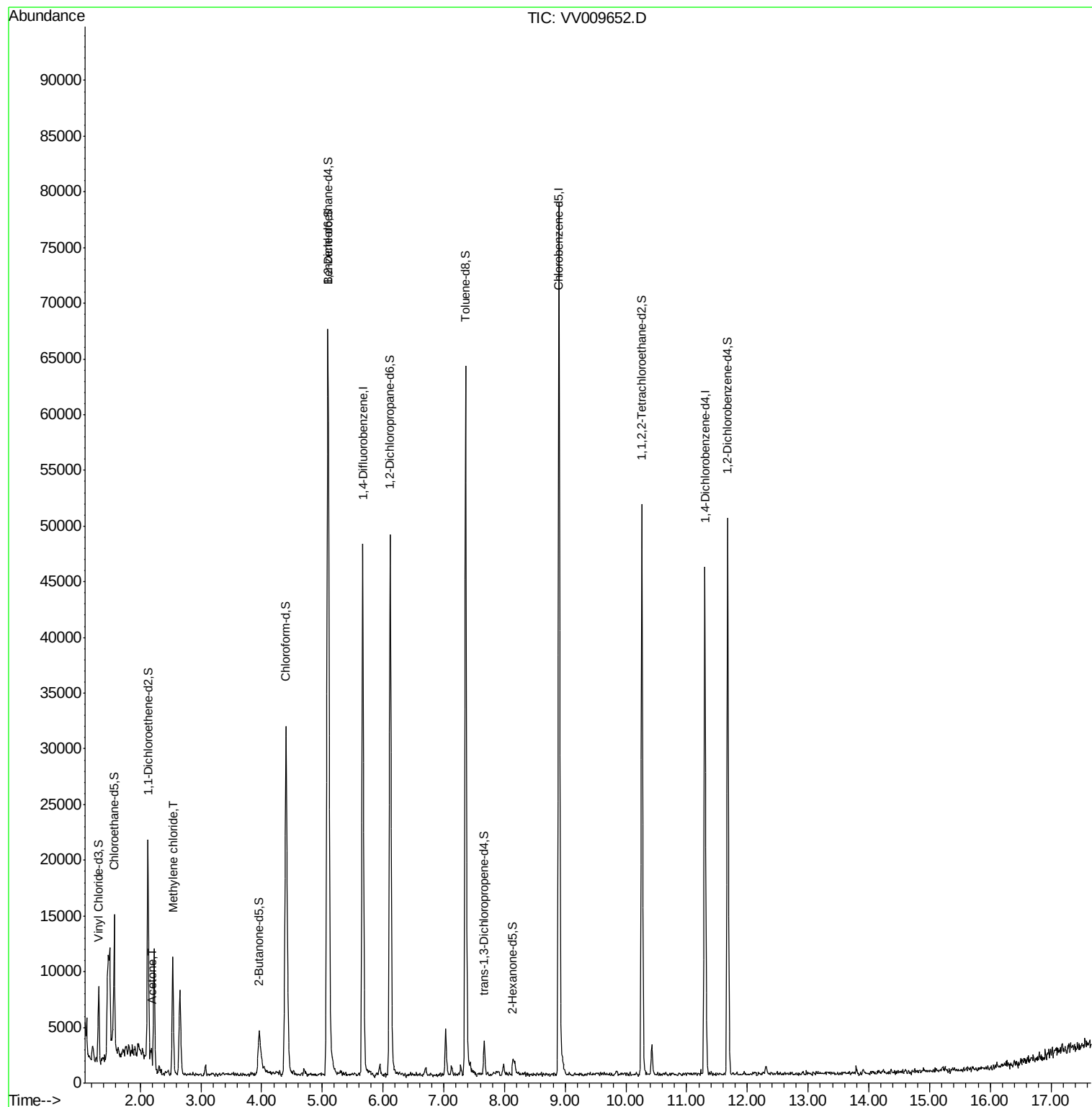
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV031319\
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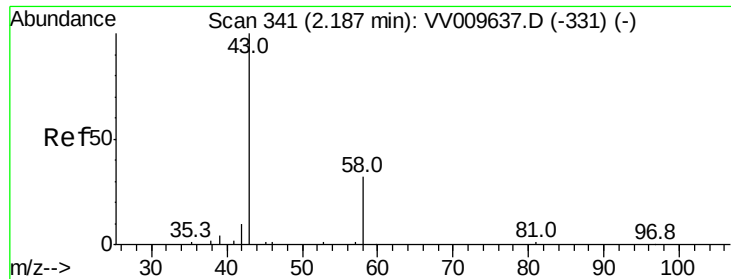
Instrument :
MSVOA_V
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QLast Update : Thu Mar 14 07:37:27 2019
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#13

Acetone

Concen: 9.475 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV009652.D

Acq: 13 Mar 2019 22:42

Instrument :

MSVOA_V

ClientSampleId :

BF5P2

Tot Ion: 43 Resp: 1564

Ion Ratio Lower Upper

43 100

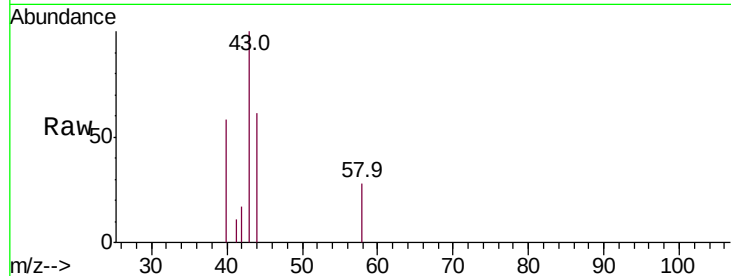
58 29.5 0.0 64.8

Manual Integrations

APPROVED

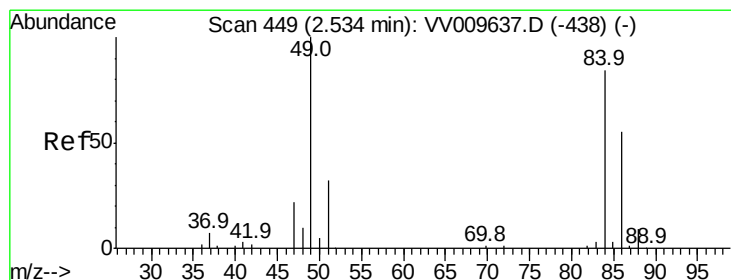
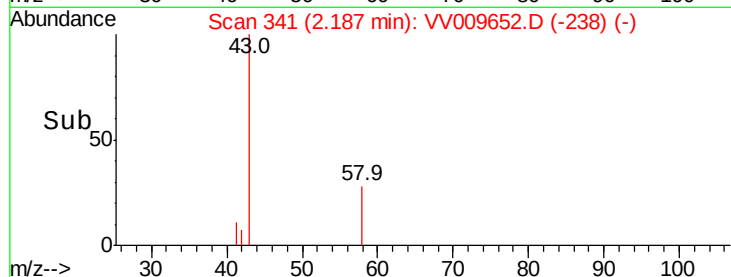
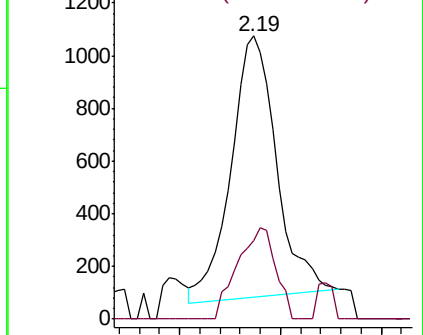
MMDadoda

3/15/2019 7:53:51 AM



Abundance Ion 43.00 (42.70 to 43.70): VV009637.D

Ion 58.00 (57.70 to 58.70): VV009637.D



#16

Methylene chloride

Concen: 7.123 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009652.D

Acq: 13 Mar 2019 22:42

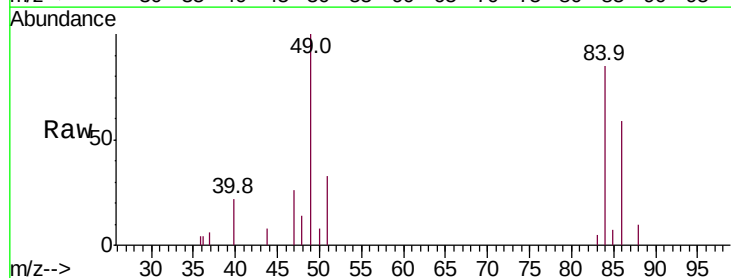
Tgt Ion: 84 Resp: 4239

Ion Ratio Lower Upper

84 100

49 117.3 86.1 159.9

86 69.0 45.2 84.0



Abundance Ion 84.00 (83.70 to 84.70): VV009637.D

Ion 49.00 (48.70 to 49.70): VV009637.D

Ion 86.00 (85.70 to 86.70): VV009637.D

